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**Client Number:** 22188 **Matter Number:** 07058 **Client Name:** Swagelok Company

**Number of Pages:** 6

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**Message:**

**Appl. No. :** 10/551,480  
**Applicant :** Terrence Kolenc et al.  
**Filed :** September 29, 2005  
**Title :** DIAPHRAGM VALVE SEAT  
**TC/A.U. :** 3751  
**Docket No. :** 22188/07058

**Confirmation No.** 4310

**Examiner:** not yet assigned  
**Customer No.** 24024

Please find attached a Request for Issuance of Corrected Filing Receipt.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/551,480 Confirmation No. 4310  
Applicant : Terrence Kolenc et al.  
Filed : September 29, 2005  
Title : DIAPHRAGM VALVE SEAT  
TC/A.U. : 3751 Examiner: not yet assigned  
Docket No. : 22188/07058 Customer No. 24024

VIA FACSIMILE 571-273-8300

Office of Initial Patent Examination's Filing Receipt Corrections  
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## REQUEST FOR ISSUANCE OF CORRECTED FILING RECEIPT

Sir:

Applicants' attorney respectfully requests The U.S. Patent Office to issue a corrected filing receipt to correct the spelling of the second named inventor to read as follows: Howard Kuhns.

A copy of the original filing receipt, with the error circled, is attached. Also attached is a copy of the front page of published international application PCT/US2004/011302 from which the above-identified patent application claims priority. The spelling error of the inventor on the originally issued filing receipt appears to be an error on behalf of the U.S. Patent Office.

Appl. No. 10/551,480

Applicants' attorney also respectfully requests that the PAIR website be corrected for this application.

Respectfully submitted,

Date: 9/15/06

9/15/06 Kenneth J. Smith  
Kenneth J. Smith, Reg. No. 45,115  
Telephone: 216-622-8674  
Customer No. 24024



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLMS	IND CLMS
10/551,480	09/29/2005	3751	4650	22188/07068	5	71	9

CONFIRMATION NO. 4310

24024  
CALFEE HALTER & GRISWOLD, LLP  
800 SUPERIOR AVENUE  
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CLEVELAND, OH 44114

## FILING RECEIPT



\*OC000000020201019\*

Date Mailed: 08/30/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Terrence Kolenc, Mentor, OH; *should BE Kuhns*  
Howard ~~Kuhng~~ Aurora, OH;  
William Gilme, Painsville Twp, OH;  
Carl E. Meece, Moreland Hills, OH;  
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Power of Attorney: The patent practitioners associated with Customer Number 24024.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US04/11302 04/13/2004  
which claims benefit of 60/320,105 04/14/2003

## Foreign Applications

If Required, Foreign Filing License Granted: 08/25/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/551,480**

Projected Publication Date: 12/07/2008

Non-Publication Request: No

Early Publication Request: No

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**Title**

Diaphragm valve seat

**Preliminary Class**

251

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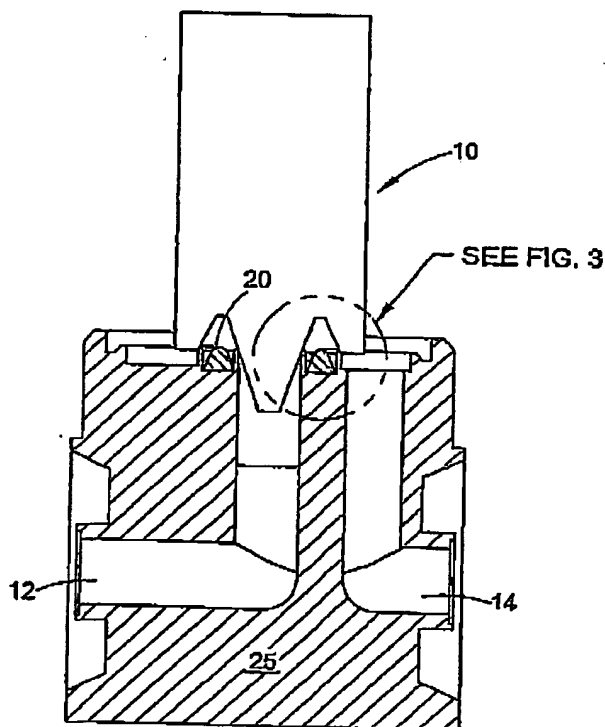
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(81) Designated States (unless otherwise indicated, for every  
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PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

[Continued on next page]

(54) Title: **DIAPHRAGM VALVE SEAT**



(57) Abstract: A thermally and chemically inert valve seat is provided. The valve seat includes a sharp edge located on the periphery of the valve seat body, wherein the edge digs into a surface within the valve body to secure the valve seat. The valve seat may be case hardened to provide additional strength and sealing ability. The inner diameter of the valve seat may be flush against the valve fluid passageway, thereby decreasing the contact area between the diaphragm and the valve seat.

WO 2004/092622 A2